



## Office of the Town Clerk

*Diane M. Wilhelm*

Registrar of Vital Statistics

Records Management Officer

Marriage Officer

**TO:** Supervisor Walter, Councilpersons Dunleavy, Wooten, Gabrielsen, Giglio, Water District, Maryann Tague

**FROM:** Julie O'Neill, Deputy Town Clerk

**DATE:** May 14, 2015

**RE:** Open Re-Bid Report for Corrosion Control Chemical

---

3 bids were received and opened on May 14, 2015 at 11:00am:

Carus Corporation  
315 5<sup>th</sup> St  
Peru IL 61354  
800 435-6856

0-1000 gal of product \$4.936/price per gal  
1001-2000 gal of product \$4.936/price per gal

Coyne Chemical  
3015 State Road  
Croydon PA 19021  
215 785-3000

0-1000 gal of product \$6.475/price per gal  
1001-2000 gal of product \$6.475/price per gal

Shannon Chemical Corporation  
PO Box 376  
Malvern PA 19355  
610 363-9090

0-1000gal of product \$NO BID/price per gal  
1001-2000 gal of product \$NO BID/price per gal

**BID FORM FOR CHEMICALS  
CORROSION CONTROL CHEMICAL (PO4)  
BID #RWD-2015-19A**

**BIDDER NAME:** Carus Corporation

**PLEASE READ CAREFULLY**

- |    |   |                                |
|----|---|--------------------------------|
| 1. | 0 - 1000 gals. of product<br>Three (3) drops    | \$ <u>4.936</u> Price per gal. |
| 2. | 1001 - 2000 gals. of product<br>Three (3) drops | \$ <u>4.936</u> Price per gal. |

**THESE BID PRICES SHALL STAY IN EFFECT FOR ONE (1) YEAR  
FROM THE DATE A RESOLUTION IS ADOPTED BY  
THE TOWN BOARD OF THE TOWN OF RIVERHEAD  
AND ANY EXTENSIONS GRANTED THEREAFTER**

I/WE FULLY UNDERSTAND THAT THE ACCEPTANCE OF THIS BID IS SUBJECT  
TO THE PROVISIONS OF SECTION 103A AND 103B OF THE GENERAL  
MUNICIPAL LAW.


May 12, 2015  
DATE

Carus Corporation  
NAME OF AGENT/DEALER

315 Fifth Street  
ADDRESS

Peru, IL 61354  
CITY, STATE, ZIP CODE

Maria Bergagna  
CONTACT PERSON

  
SIGNATURE OF DEALER/AGENT  
**Marie Marcenac, VP Sales & Marketing**



I, Mary E. Stachowicz, do hereby certify that I am a duly elected, qualified and acting Assistant Secretary of Carus Corporation, a Delaware corporation, and as such have custody of the corporate records and seal.

I hereby further certify that the following resolution was duly adopted by Unanimous Consent of the Board of Directors of Carus Corporation effective 25 September 2013 and is still in full force and effect as of the date below pertaining to persons authorized to act for the Corporation:

RESOLVED, that the attached schedule(s) with respect to the approval levels of the Leadership Team, Officers, and Staff of Carus Corporation for the practice of signing sales contracts and municipal bids, purchase requisitions, capital expenditures, and raw material supply contracts on behalf of this Corporation, effective 25 September 2013, be and it is (they are) hereby ratified and approved.

It witness whereof I have hereunto set my hand and affixed the seal of the corporation this 12<sup>th</sup> day of May 2015.

Mary Stachowicz  
Asst. Secretary



**COMPANY CONFIDENTIAL**

**CARUS CORPORATION  
GRANTS OF AUTHORITY FOR SALES CONTRACTS  
(INCLUDING MUNICIPAL BIDS)**

**EFFECTIVE 25 SEPTEMBER 2013**

---

---

<b><u>TITLE</u></b>	<b><u>REVENUE AUTHORITY LEVEL OVER THE LIFE OF THE CONTRACT</u></b>
Chairman and Chairman Emeritus	>\$5,000,000
Chief Executive Officer	\$5,000,000
President	\$4,000,000
VP, Chief Financial Officer, Treasurer	\$3,000,000
VP, Chief Operating Officer	\$2,000,000
VP, Corporate Development	\$2,000,000
VP, Sales & Marketing	\$1,500,000
General Manager	\$1,000,000
VP, Business Development/Europe	\$ 500,000
Managing Director	\$ 500,000
Market Manager	\$ 250,000

**NOTES:**      **ANY CONTRACT OR BID THAT IS EFFECTIVE FOR LONGER THAN ONE YEAR, REGARDLESS OF REVENUE VOLUME, REQUIRES THE SIGNATURE OF THE PRESIDENT OR CFO OF CARUS CORPORATION.**

**ANY CONTRACT OR BID THAT IS EFFECTIVE FOR MORE THAN ONE YEAR IS SUBJECT TO AN ANNUAL PRICE REVIEW, REGARDLESS OF ESCALATION CLAUSES.**



## Calciquest Liquid Feed Rate Information

Target dosage of 1.00 mg/L as total phosphate (or 2.88 mg/L as product)

Based on the hypothetical well flow rate of 1200 gpm, the actual chemical usage would be:

$(2.88 \text{ mg/L})(8.34 \text{ lbs/gal})(1200)(60)(24) / (1,000,000) = 41.5 \text{ lbs per day of Calciquest Liquid} / 11.6 \text{ lbs/gal} = 3.58 \text{ gallons per day of Calciquest Liquid}$

$41.5 / 24 = 1.73 \text{ lbs per hour} / 11.6 \text{ lbs/gal} = 0.15 \text{ gallons per hour of Calciquest Liquid}$



## CARUS CORPORATION REFERENCES

Atlantic City, NJ  
Contact: Neil Goldfine  
Phone: 609-641-0024

City of Binghamton, NY  
Contact: Gary Bogart  
Phone: 607-772-7025

Greensboro, NC  
Contact: Amy Adrian-Mundro  
Phone: 336-373-7909

Grand Island, NE  
Contact: Ruben Sanchez  
Phone: 308-385-5436

Massapequa Water District, NY  
Contact: Andy Dolapinto  
Phone: 516-798-5266



CALCIQUEST® liquid is an effective corrosion inhibitor and sequesterant for use in potable and industrial water systems. The product is a liquid concentrate of exceptional purity, clarity, and stability utilizing a broad spectrum of phosphates for better sequestering and corrosion control.

#### BENEFITS OF CALCIQUEST Liquid

- Inhibits corrosion of steel distribution system water lines, iron and galvanized piping, and lead and copper plumbing
- Decreases iron tuberculation to extend the life of the distribution system
- Inhibits lead and copper leaching resulting in lower lead and copper levels in the delivered potable water
- Minimizes the occurrence of microbial-influenced corrosion providing longer life system
- Controls iron and manganese minimizing rusty and dirty water in the system
- Reduces discoloration, staining, and mineral build-up resulting in fewer customer complaints
- Diminishes calcium scale deposits typically seen in hot water lines and heaters
- Saves money by reducing corrosion and scale; lowering chlorine demand and decreasing hydrant flushing, leaks, and failures

#### PROPERTIES AND CERTIFICATIONS

Description: Clear homogenous liquid  
 Freezing Point: Do not Freeze  
 Specific Gravity: 1.36-1.42  
 pH (1% w:w): 6.0 ± 0.5  
 NSF Maximum Feed Rate: 23 mg/L  
 Best if used within one year.  
 NSF/ANSI Standard 60, Kosher Approved



#### HANDLING AND STORAGE

CALCIQUEST liquid should be handled with care. Wear proper protective equipment including goggles, face shield, apron, respirator and proper gloves when handling this product.

Protect containers from physical damage. Store in a cool, dry area in closed containers. In case of accidental release: contain spill by collecting the liquid in a pit or holding behind a dam (sand or soil). Absorb with inert media and dispose of properly. Disposal of all materials shall be in full and strict compliance with federal, state, and local regulations. Consult the MSDS for additional safety information.

#### SHIPPING

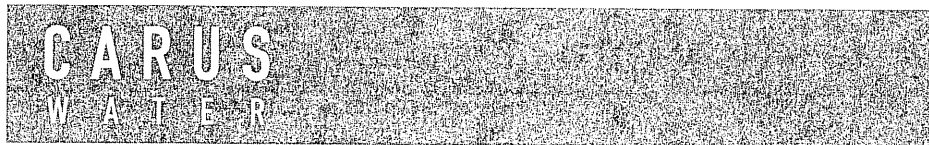
CALCIQUEST liquid is generally considered to be safe and is not classified as hazardous according the US Department of Transportation, Canada TDG, UN, IMDG, or IATA regulations.

#### COMPATIBILITY INFORMATION

CALCIQUEST liquid can be stored in high-medium density polyethylene, cross-linked polyethylene, fiberglass reinforced plastic, 316 stainless steel, and glass lined/epoxy lined steel tanks. Piping materials may include schedule 80 PVC/CPVC piping, clear PVC, and white polyethylene tubing. Pump materials may include ceramic, Teflon, viton, hypalon and PVC liquid end pump materials.

Metering equipment can include diaphragm and peristaltic type metering pumps and other pumps meeting compatibility requirements.

It is not compatible with black iron, mild steel, galvanized metals, aluminum, zinc, copper, lead, brass, bronze, tin, and other base metals.



## Municipal Drinking Water

## CALCIQUEST® LIQUID

### DATA SHEET

#### SHIPPING CONTAINERS

##### 5-gallon (57-lb) Jerrican

Made of high density polyethylene (HDPE). Weighs 3.0 lb (1.36 kg). The net weight is 57 lb (25.85 kg).

##### 15-gallon (171-lb) Drum

Made of high density polyethylene (HDPE). Weighs 6.5 lb (3.0 kg). The net weight is 171 lb (77.6 kg).

##### 30-gallon (342-lb) Drum

Made of high density polyethylene (HDPE). Weighs 14 lb (6.35 kg). The net weight is 342 lb (155 kg).

##### 55-gallon (627-lb) Drum

Made of high density polyethylene (HDPE). Weighs 21 lb (9.5 kg). The net weight is 627 lb (284 kg).

#### SHIPPING CONTAINERS CONT.

##### 275-gallon IBC (Intermediate Bulk Container)

Weighs 129 lb (58.5 kg). The net weight is 3135 lb (1422 kg). The IBC has a 2 in. butterfly valve with NPT threads in bottom sump.

Bulk Quantities up to 3500 gallons are available.

Other containers may be available, contact Carus Corporation at 800-435-6856 for details.

#### CARUS VALUE ADDED

##### LABORATORY SUPPORT

Carus Corporation has technical assistance available to answer questions, evaluate treatment alternatives, and perform laboratory testing. Our laboratory capabilities include: Consulting, Treatability Studies, Feasibility Studies, and Analytical Services.

##### FIELD SERVICES

As an integral part of our technical support, Carus provides extensive on-site treatment assistance. We offer full application services, including technical expertise, supervision, testing, and feed equipment design and installation in order to accomplish a successful evaluation and/or application.

##### CARUS CORPORATION

During its more than 98-year history, Carus' ongoing emphasis on research and development, technical support, and customer service has enabled the company to become the world leader in permanganate, manganese, oxidation, and base-metal catalyst technologies.

#### CARUS CORPORATION

#### ONE COMPANY - ENDLESS SOLUTIONS

CORPORATE HEADQUARTERS | 315 Fifth Street, Peru IL 61354 | Tel + 1.815.223.1500 / 1-800-435-6856 | Fax + 1.815.224.6697 | Web: [www.caruschem.com](http://www.caruschem.com) | E-Mail: [salesmkt@caruschem.com](mailto:salesmkt@caruschem.com)

CARUS EUROPE | Parque Empresarial de ASIPO | C/Secundino Rocas 3, Planta 1, Oficina 13-14 | 33428 Cayes, Llanera Spain | Tel +34.985.78.55.13 / Fax +34.985.78.55.10

Copyright 2012  
rev. 07/14  
form PH 15232

The information contained herein is accurate to the best of our knowledge. However, data, safety standards and government regulations are subject to change; and the conditions of handling, use or misuse of the product are beyond our control. Carus Corporation makes no warranty, either expressed or implied, including any warranties of merchantability and fitness for a particular purpose. Carus also disclaims all liability for reliance on the completeness or confirming accuracy of any information included herein. Users should satisfy themselves that they are aware of all current data relevant to their particular use(s).

Carus and Design is a registered service mark of Carus Corporation. CALCIQUEST® is a registered trademark of Carus Corporation. Responsible Care® is a registered service mark of the American Chemistry Council.



RESPONSIBLE CARE®  
OUR COMMITMENT TO SUSTAINABILITY



CARUS®





# CALCIQUEST® Liquid Water Treatment Chemical

EC- SAFETY DATA SHEET according to Regulation (EC) № 1272/2008 of the European Parliament and of the Council, of 16 December 2008 and amending Regulation (EC) No. 1907/2007 concerning REACH

## Material Safety Data Sheet

Page 1 of 9

MSDS # CP-368

Revision Date: February 2011

Supersedes: February 2010

### Section 1 Identification of the Substance/Preparation and of the Company/Undertaking

<b>SUBSTANCE/PREPARATION NAME:</b> CALCIQUEST® Liquid Water Treatment Chemical		
<b>PRODUCT NAME:</b> CALCIQUEST® Liquid Water Treatment Chemical		
<b>TRADE NAME:</b> CALCIQUEST® Liquid Water Treatment Chemical		
<b>SYNONYMS:</b> Blended Phosphate Solution		
<b>USES OF SUBSTANCE:</b> CALCIQUEST® Liquid Water Treatment Chemical is a premiere corrosion inhibitor and sequestrant for use in potable and industrial water systems.		
<b>COMPANY NAME (Europe):</b> CARUS EUROPE	<b>COMPANY ADDRESS:</b>	C/ Secundino Roces, 3-Planta 1ª – Oficina 14, 33428 Cayes – Llanera, Asturias - Spain
	<b>INFORMATION:</b>	(34) 985-785-513
	<b>EMERGENCY TELEPHONE:</b>	(34) 985-785-513
<b>COMPANY NAME (US):</b> CARUS CORPORATION	<b>COMPANY ADDRESS:</b>	315 Fifth Street Peru, IL 61354, USA
	<b>INFORMATION:</b>	(815) 223-1500 (815) 224-6816 (FAX) <a href="http://www.caruscorporation.com">www.caruscorporation.com</a> (Web) <a href="mailto:salesmkt@caruscorporation.com">salesmkt@caruscorporation.com</a> (Email)
	<b>EMERGENCY TELEPHONE:</b>	(800) 435 –6856 (USA) (815) 223-1500 (Other countries) (800) 424-9300 (CHEMTREC®, USA) (703) 527-3887 (CHEMTREC®, Other countries)

### Section 2 Hazards Identification

#### GLOBAL HARMONIZED SYSTEM (GHS) OF CLASSIFICATION OF THE PREPARATION

None

#### GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

**Signal Word:** None

**Label Codes:** None

**Hazard Statements:** None

#### OTHER HAZARDS

##### INHALATION

May cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath.

##### INGESTION

Phosphates are slowly and incompletely absorbed when ingested, and seldom result in systemic effects. Such effects, however, have occurred. Symptoms may include vomiting, lethargy, diarrhea, blood chemistry effects, heart disturbances and central nervous system effects. The toxicity of phosphates is due to their ability to sequester calcium.

##### SKIN CONTACT

May cause irritation. May cause inflammation and pain on prolonged contact, especially with moist skin.



# CALCIQUEST® Liquid Water Treatment Chemical

EC- SAFETY DATA SHEET according to Regulation (EC) № 1272/2008 of  
the European Parliament and of the Council, of 16 December 2008 and amending Regulation  
(EC) No. 1907/2007 concerning REACH

## Material Safety Data Sheet

Page 2 of 9

MSDS # CP-368

Revision Date: February 2011

Supersedes: February 2010

### Section 2 Hazards Identification (contd.)

#### EYE CONTACT

May cause irritation, redness and pain.

#### CHRONIC EXPOSURE

May sequester calcium and cause calcium phosphate deposits in the kidneys.

#### AGGRAVATION OF PRE-EXISTING CONDITIONS

No information found.

#### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS) RATINGS

Health: 1 - Slight

Flammability: 0 - None

Reactivity: 0 - None

Personnel Protective Equipment: goggles, face shield, apron, respirator and proper gloves.

### Section 3 Composition/Information on Ingredients

INGREDIENTS	CAS.NO.	EINECS	%	PEL	TLV
Triphosphoric acid, pentasodium salt	7758-29-4	231-838-7	1-5	No Data	No Data
Non-hazardous ingredients	N/A	N/A	95-99	No Data	No Data

#### EU LABEL

#### HAZARD SYMBOLS

None

#### RISK PHRASES

None

#### SAFETY PHRASES

None

### Section 4 First Aid Measures

#### EYES

Immediately flush eyes with large amounts of water for at least 15 minutes holding lids apart to ensure flushing of the entire surface.

#### SKIN

Immediately wash contaminated areas with water. Remove contaminated clothing and footwear. Wash clothing and decontaminate footwear before reuse.

#### INHALATION

Remove person from contaminated area to fresh air.



# CALCIQUEST® Liquid Water Treatment Chemical

EC- SAFETY DATA SHEET according to Regulation (EC) № 1272/2008 of  
the European Parliament and of the Council, of 16 December 2008 and amending Regulation  
(EC) No. 1907/2007 concerning REACH

## Material Safety Data Sheet

Page 3 of 9

MSDS # CP-368

Revision Date: February 2011

Supersedes: February 2010

### Section 4 First Aid Measures (contd.)

#### **INGESTION**

Never give anything by mouth to an unconscious or convulsing person. If person is conscious, give large quantities of water or milk. Seek medical attention immediately.

### Section 5 Fire Fighting Measures

#### **NFPA\* HAZARD SIGNS**

Health Hazard	1	=	Materials that under emergency conditions, can cause significant irritation. Materials that on the skin could cause irritation.
Flammability Hazard	0	=	Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone and sand.
Instability Hazard	0	=	Materials that in themselves are normally stable, even under fire conditions.
Special Hazard		=	None

\*National Fire Protection Association 704 (USA)

#### **FIRST RESPONDERS**

Wear protective gloves, boots, goggles, and respirator. In case of fire, wear positive pressure breathing apparatus. Approach incident with caution.

#### **FLASH POINT**

None

#### **FLAMMABLE OR EXPLOSIVE LIMITS**

Lower: Nonflammable Upper: Nonflammable

#### **EXTINGUISHING MEDIA**

Use large quantities of water. Dike to contain.

### Section 6 Accidental Release Measures

#### **PERSONNEL PRECAUTIONS**

Personnel should wear protective clothing suitable for the task.

#### **ENVIRONMENTAL PRECAUTIONS**

Do not flush into sanitary sewer system or surface water. If accidental release into the environment occurs, inform the responsible authorities. Keep the product away from drains, sewers, surface and ground water and soil.

#### **STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

Clean up spills immediately. Pick up spill and place in a suitable container for reuse or disposal. Disposal of all materials shall be in full and strict compliance with all federal, state, and local regulations pertaining to phosphates. Flush area with large amounts of water.

### Section 7 Handling and Storage

#### **WORK/HYGIENE PRACTICES**

Wash hands thoroughly with soap and water after handling phosphate product, and before eating or smoking. Wear proper protective equipment. Remove clothing if it becomes contaminated.



# CALCIQUEST® Liquid Water Treatment Chemical

EC- SAFETY DATA SHEET according to Regulation (EC) № 1272/2008 of  
the European Parliament and of the Council, of 16 December 2008 and amending Regulation  
(EC) No. 1907/2007 concerning REACH  
Material Safety Data Sheet

Page 4 of 9

MSDS # CP-368

Revision Date: February 2011

Supersedes: February 2010

## Section 7 Handling and Storage (contd.)

### VENTILATION REQUIREMENTS

Provide sufficient mechanical and/or local exhaust.

### CONDITIONS FOR SAFE STORAGE

Protect containers from physical damage. Store in a cool, dry area in closed containers.

## Section 8 Exposure Controls and Personal Protection

### RESPIRATORY PROTECTION

In cases where overexposure to mist may occur, the use of an approved NIOSH-MSHA mist respirator or an air supplied respirator is advised. Engineering or administrative controls should be implemented to control mist.

### EYE

Face shield, goggles, or safety glasses with side shields should be worn. Provide eyewash in working area.

### GLOVES

Rubber or plastic gloves should be worn.

### OTHER PROTECTIVE EQUIPMENT

Normal work clothing covering arms and legs, and rubber, or plastic apron should be worn. Caution: If clothing becomes contaminated, wash off immediately.

## Section 9 Physical and Chemical Properties

APPEARANCE	Clear liquid
ODOR	Odorless
pH OF THE PREPARATION	4.5±0.5
BOILING POINT/BOILING RANGE	>101 °C
FLASH POINT	Does not flash
FLAMMABILITY (SOLID, GAS)	Not flammable
EXPLOSIVE PROPERTIES	Not applicable
OXIDIZING PROPERTIES	Not applicable
VAPOR PRESSURE	Not available
RELATIVE DENSITY	1.35 ± 0.03
SOLUBILITY	
WATER SOLUBILITY	Miscible in all proportions
PARTITION COEFFICIENT: n-OCTONAL/WATER	
VISCOSITY	Not applicable
VAPOUR DENSITY	Not applicable
EVAPORATION RATE	Not applicable
MELTING POINT	Not available
FREEZING POINT	< 0 °C



# CALCIQUEST® Liquid Water Treatment Chemical

EC- SAFETY DATA SHEET according to Regulation (EC) № 1272/2008 of  
the European Parliament and of the Council, of 16 December 2008 and amending Regulation  
(EC) No. 1907/2007 concerning REACH

Material Safety Data Sheet

Page 5 of 9

MSDS # CP-368

Revision Date: February 2011

Supersedes: February 2010

## Section 10 Stability and Reactivity

### STABILITY

Under normal conditions, the material is stable.

### CONDITIONS TO AVOID

Do not expose to extreme temperatures.

### MATERIALS TO AVOID

Soluble calcium salt solutions and hydrofluoric or hydrofluosilicic acid could cause precipitations.

### HAZARDOUS DECOMPOSITION PRODUCTS

When involved in a fire, the material may form toxic fumes of phosphorous oxides.

### CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION

Material is not known to polymerize.

## Section 11 Toxicological Information

### EXPOSURE SYMPTOMS DESCRIPTION

#### INHALATION

Inhalation of the mist may cause respiratory tract irritation. Symptoms may include coughing and shortness of breath.

#### INGESTION

Phosphates are slowly and incompletely absorbed when ingested, and seldom result in systemic effects. However, such effects have occurred. May cause gastrointestinal tract irritation with nausea, vomiting, and diarrhea.

#### SKIN CONTACT

Irritating to body tissue with which it comes into contact.

#### EYE CONTACT

May cause eye irritation.

#### ACUTE TOXICITY

Phosphate toxicity can occur with over dosage. Severe phosphate toxicity can result in hypocalcemia, and in various symptoms resulting from low plasma calcium levels.

#### CHRONIC TOXICITY

No known cases of chronic poisoning due to phosphate products have been reported. May sequester calcium and cause calcium phosphate deposits in the kidneys. Systemic metabolic acidosis may result as this material is believed to be hydrolyzed to ortho phosphates when ingested (before absorption).

#### CARCINOGENICITY

None of the components have been classified as a carcinogen by OSHA, NTP, and IARC.

#### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Phosphate products will cause further irritation of tissue, open wounds, burns or mucous membranes.



# CALCIQUEST® Liquid Water Treatment Chemical

EC- SAFETY DATA SHEET according to Regulation (EC) № 1272/2008 of  
the European Parliament and of the Council, of 16 December 2008 and amending Regulation  
(EC) No. 1907/2007 concerning REACH  
Material Safety Data Sheet

Page 6 of 9

MSDS # CP-368

Revision Date: February 2011

Supersedes: February 2010

## Section 12 Ecological Information

### ECO TOXICITY

Not available.

### MOBILITY

Miscible in water.

### PERSISTENCE AND DEGRADABILITY

Possible short term degradation products are not likely. However, in long term orthophosphate formation may occur.

### BIOACCUMULATIVE POTENTIAL

Not available.

### OTHER ADVERSE EFFECTS

Not available.

## Section 13 Disposal Considerations

### WASTE DISPOSAL

Disposal of all materials shall be in full and strict compliance with all federal, state, and local regulations pertaining to phosphates. This product when it becomes a waste is considered as a non-hazardous waste. However, chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

## Section 14 Transport Information

Not regulated by United States DOT, Canada TDG, UN, IMDG, IATA and ADR/RID regulations

## Section 15 Regulatory Information

### EUROPEAN AND INTERNATIONAL REGULATIONS

#### MARKINGS ACCORDING TO EU GUIDELINES

The product has not been classified as dangerous in accordance with EU directives/ordinances on hazardous materials.

#### EU LABEL

#### HAZARD SYMBOLS

None

#### RISK PHRASES

None

#### SAFETY PHRASES

None



# CALCIQUEST® Liquid Water Treatment Chemical

EC- SAFETY DATA SHEET according to Regulation (EC) № 1272/2008 of  
the European Parliament and of the Council, of 16 December 2008 and amending Regulation  
(EC) No. 1907/2007 concerning REACH  
Material Safety Data Sheet

Page 7 of 9

MSDS # CP-368

Revision Date: February 2011

Supersedes: February 2010

## Section 15 Regulatory Information (contd.)

### WGK (WATER DANGER/PROTECTION)

None

### CANADA - DSL/NDL

All components are listed on Canada's DSL List.

### CANADA - WHMIS

None of the components in this product could be classified as hazardous in accordance with the hazard criteria of the Controlled Products Regulations.

### CANADIAN INGREDIENT DISCLOSURE LIST

None of the components in this product are listed on the Canadian Ingredient Disclosure List.

### INTERNATIONAL INVENTORIES

All substances in this preparation are listed in the chemical inventories of Australia, China, EINECS, Japan, Korea, and New Zealand.

### US FEDERAL REGULATIONS

#### TSCA

All substances in this preparation are listed on the TSCA inventory.

### HEALTH & SAFETY REPORTING LIST

None of the substances in this preparation are on the Health & Safety Reporting List.

### CHEMICAL TEST RULES

None of the substances in this preparation are under a Chemical Test Rule.

### TSCA SECTION 12b

None of the substances in this preparation are listed under TSCA Section 12b.

### TSCA SIGNIFICANT NEW USE RULE

None of the substances in this preparation have a SNUR under TSCA.

### CERCLA HAZARDOUS SUBSTANCES AND CORRESPONDING RQS

CAS #7758-29-4 in this preparation have an RQ of 5000 lbs.

### SARA SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES

None of the substances in this preparation have a TPQ.

### SARA CODES

Acute

### SARA SECTION 313

None of the substances in this preparation are reportable under Section 313.



# CALCIQUEST® Liquid Water Treatment Chemical

EC- SAFETY DATA SHEET according to Regulation (EC) № 1272/2008 of  
the European Parliament and of the Council, of 16 December 2008 and amending Regulation  
(EC) No. 1907/2007 concerning REACH  
Material Safety Data Sheet

Page 8 of 9

MSDS # CP-368

Revision Date: February 2011

Supersedes: February 2010

## Section 15 Regulatory Information (contd.)

### CLEAN AIR ACT

This preparation does not contain any hazardous air pollutants.

This preparation does not contain any Class 1 or Class 2 Ozone depleters.

### CLEAN WATER ACT

None of the substances in this preparation product are listed as Hazardous Substances under the CWA.

None of the substances in this preparation are listed as Priority Pollutants or as Toxic Pollutants under the CWA.

### OSHA

None of the substances in this preparation are considered highly hazardous by OSHA.

### STATE

CAS #7758-29-4 in this preparation is present on state lists from CA, PA, and MA.

### CALIFORNIA PROPOSITION 65

California No Significant Risk Level: None of the substances in this preparation are listed.

## Section 16 Other Information

ADR/RID	Agreement on Dangerous Goods by Road /Regulations Concerning the International Transport of Dangerous Goods by Rail
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
EINECS	Inventory of Existing Chemical Substances (European)
DOT	Department of Transportation
DSL/NDSL	The Domestic Substances and the Non-Domestic Substances List (Canada)
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
OSHA	Occupational Safety and Health Administration
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
MSHA	Mine Safety and Health Administration
PEL	Permissible Exposure Limit
SARA	Superfund Amendments and Reauthorization Act
TDG	Transport Dangerous Goods (Canada)
TSCA	Toxic substances control Act
TLV-TWA	Threshold Limit Value-Time Weighted Average
UN	United Nations
WHMIS	Workplace Hazardous Materials Information System

The information contained herein is accurate to the best of our knowledge. However, data, safety standards and government regulations are subject to change and, therefore, holders and users should satisfy themselves that they are aware of all current data and regulations relevant to their particular use of product. CARUS CORPORATION DISCLAIMS ALL LIABILITY FOR RELIANCE ON THE COMPLETENESS OR ACCURACY OR THE INFORMATION INCLUDED HEREIN. CARUS CORPORATION MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR USE OR PURPOSE OF THE PRODUCT DESCRIBED HEREIN. All conditions relating to storage, handling, and use of the product are beyond the control of Carus





# CALCIQUEST® Liquid Water Treatment Chemical

EC- SAFETY DATA SHEET according to Regulation (EC) № 1272/2008 of  
the European Parliament and of the Council, of 16 December 2008 and amending Regulation  
(EC) No. 1907/2007 concerning REACH  
Material Safety Data Sheet

Page 9 of 9

MSDS # CP-368

Revision Date: February 2011

Supersedes: February 2010

Corporation, and shall be the sole responsibility of the holder or user of the product.

This safety data sheet was reviewed according to Annex II of the regulation of the European Parliament and European Council (EC) No. 1907/2006-REACH and 1272/2008.

CARUS CORPORATION, 315 5<sup>TH</sup> STREET, PERU, ILLINOIS 61354, USA  
CARUS EUROPE IS A DIVISION OF CARUS CORPORATION

Chithambarathanu Pillai (S.O.F.)  
February 2011



**RESPONSIBLE CARE®**  
OUR COMMITMENT TO SUSTAINABILITY



is a registered service mark of Carus Corporation. CALCIQUEST® is a registered trademark of Carus Corporation.  
Responsible Care® is a registered service mark of the American Chemistry Council.



The Public Health and Safety Organization

## NSF Product and Service Listings

These NSF Official Listings are current as of **Monday, May 04, 2015** at 12:15 a.m. Eastern Time. Please contact NSF International to confirm the status of any Listing, report errors, or make suggestions.

Alert: NSF is concerned about fraudulent downloading and manipulation of website text. Always confirm this information by clicking on the below link for the most accurate information:

<http://info.nsf.org/Certified/PwsChemicals/Listings.asp?CompanyName=carus&TradeName=calciquest&>

### NSF/ANSI 60 Drinking Water Treatment Chemicals - Health Effects

#### Carus Corporation

315 Fifth Street

P.O. Box 599

Peru, IL 61354-0599

United States

800-435-6856

815-223-1500

**Facility : # 1 La Salle, IL**

#### Blended Phosphates

##### Trade Designation

CALCIQUEST® 1000

##### Product Function

Corrosion & Scale Control

Sequestering

##### Max Use

28mg/L

CALCIQUEST®-Dry

Corrosion & Scale Control

Sequestering

11mg/L

CALCIQUEST®-Liquid

Corrosion & Scale Control

Sequestering

23mg/L

[PO] The finished drinking water shall be monitored to ensure that levels of manganese do not exceed 0.05 mg/L.

**Facility : # 2 USA**

**Blended Phosphates**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
CALCIQUEST®-Liquid	Corrosion & Scale Control Sequestering	23mg/L

**Facility : # 4 USA****Blended Corrosion Inhibitor[ZN]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
CalciQuest ZM	Corrosion Control	11mg/L

[ZN] Based on an evaluation of health effects data, the level of zinc in the finished drinking water shall not exceed 2.0 mg/L.

**Blended Phosphates**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
CALCIQUEST® 1000	Corrosion & Scale Control	28mg/L
CALCIQUEST®-Dry	Corrosion & Scale Control Sequestering	11mg/L
CALCIQUEST®-Liquid	Corrosion & Scale Control	23mg/L
CALCIQUEST®-Liquid Bayshore	Corrosion & Scale Control	23mg/L
CalciQuest 5	Corrosion & Scale Control	27mg/L

**Miscellaneous Corrosion Chemicals**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
CALCIQUEST® ZM[ZN]	Corrosion & Scale Control Sequestering	5mg/L

[ZN] Based on an evaluation of health effects data, the level of zinc in the finished drinking water shall not exceed 2.0 mg/L.

**Monosodium Orthophosphate**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
CALCIQUEST®-Liquid SE 100	Corrosion Control	31mg/L
CALCIQUEST®-Liquid SE 100 A	Corrosion & Scale Control	25mg/L

**Zinc Chloride[ZN]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
CALCIQUEST® ZC	Corrosion & Scale Control	6mg/L

[ZN] Based on an evaluation of health effects data, the level of zinc in the finished drinking water shall not exceed 2.0 mg/L.

[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

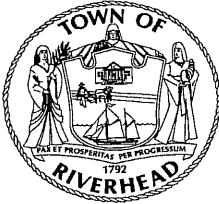
**Facility : # 5 USA****Blended Phosphates**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
CALCIQUEST® -Liquid	Corrosion & Scale Control	23mg/L
CALCIQUEST® -Liquid D	Corrosion & Scale Control	36mg/L

Number of matching Manufacturers is 1

Number of matching Products is 16

Processing time was 1 seconds



## TOWN OF RIVERHEAD

Sean M. Walter, Supervisor  
200 Howell Avenue  
Riverhead, NY 11901-2596  
631-727-3200

BID #RWD-2015-19A

### BID FOR: CORROSION CONTROL CHEMICAL (PO4)

George S. Coyne Chemical Co., Inc.  
BIDDERS NAME

Chris Miriello, Mgr., Bid/Contract Administration  
CONTACT

3015 State Road  
BIDDERS ADDRESS

Croydon, PA 19021-6997  
CITY, STATE, ZIP

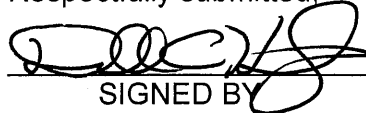
( 215 ) 785-3000 ( 215 ) 785-1585  
PHONE NUMBER FAX NUMBER

bidadministration@coynechemical.com  
E-MAIL ADDRESS

In compliance with your advertisement for bids to be opened on **April 10, 2015**, and subject to all conditions thereof, the undersigned hereby proposes to furnish the item(s) and/or service(s) itemized in this proposal in accordance with the Notice to Bidders, General Information Agreement and Specifications contained herein on the Bid Proposal Form attached.

Bidder certifies that the prices quoted herein do not include Federal Excise Tax or any Federal, New York State or City Sales Tax and are not higher than prices charged to any governmental or commercial consumer for like merchandise and/or service; and all prices include shipping and freight charges to any Municipal building or site within the Town of Riverhead.

Respectfully submitted,

  
SIGNED BY

Donald C. Helwig, Vice President/CFO  
TITLE

### BIDDERS ARE INVITED TO ATTEND BID OPENING

BID #RWD-2015-19  
Riverhead Water District

George S. Coyne Chemical Co., Inc.  
3015 State Road  
Croydon, PA 19021-6997

**BID FORM FOR CHEMICALS  
CORROSION CONTROL CHEMICAL (PO4)  
BID #RWD-2015-19A**

**BIDDER NAME:** George S. Coyne Chemical Co., Inc.

**PLEASE READ CAREFULLY**

- |    |   |                                |
|----|---|--------------------------------|
| 1. | 0 - 1000 gals. of product<br>Three (3) drops    | \$ <u>6.475</u> Price per gal. |
| 2. | 1001 - 2000 gals. of product<br>Three (3) drops | \$ <u>6.475</u> Price per gal. |

**THESE BID PRICES SHALL STAY IN EFFECT FOR ONE (1) YEAR  
FROM THE DATE A RESOLUTION IS ADOPTED BY  
THE TOWN BOARD OF THE TOWN OF RIVERHEAD  
AND ANY EXTENSIONS GRANTED THEREAFTER**

I/WE FULLY UNDERSTAND THAT THE ACCEPTANCE OF THIS BID IS SUBJECT  
TO THE PROVISIONS OF SECTION 103A AND 103B OF THE GENERAL  
MUNICIPAL LAW.

5/8/15  
DATE

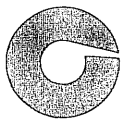
Donald C. Helwig, Vice President/CFO  
NAME OF AGENT/DEALER

3015 State Road  
ADDRESS

Croydon, PA 19021-6997  
CITY, STATE, ZIP CODE

Chris Miriello, Mgr., Bid/Contract Administration  
CONTACT PERSON

  
SIGNATURE OF DEALER/AGENT



Coyne  
Chemical

*Chemicals for the Industries Since 1868*

---

**George S. Coyne Chemical Co., Inc.**

3015 State Road, Croydon, PA 19021-6997  
215 785-3000 215 785-1585 FAX 800 523-1230 ORDER ENTRY

### **WRITTEN CALCULATIONS FOR QUANTITY OF PRODUCT REQUIRED**

Coyne Chemical has submitted pricing for CP736. Based on a hypothetical 1,200gal per minute well with a pH of 7.6 – 7.8 and the provided iron, manganese, copper, magnesium, and hardness values provided with the bid specifications, Coyne Chemical would recommend a starting dose of 7.3ppm. This starting dose is based on the assumption that all values stated in the specifications are dissolved. If the values are not dissolved, the dosage would be relatively reduced due to the precipitated Fe and Mn.

At 1200gpm and a dose of 7.3ppm the dosage of CP736 would be approximately 0.86 gal/hr

The CP 736 specifications are as follows:

Orthophosphate - 10.8%

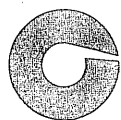
Polyphosphate - 25.2%

pH – 4 – 7

SG – 1.36 – 1.50

The above mentioned CP736 dosage is theoretical. Due to the fact that CP736 exceeds the minimum bid specifications for both Polyphosphate and Orthophosphate the starting dosage, in practice, should be equal to or less than your current product dosage.

May 8, 2015



Coyne  
Chemical

*Chemicals for the Industries Since 1868*

---

**George S. Coyne Chemical Co., Inc.**

3015 State Road, Croydon, PA 19021-6997

215 785-3000 215 785-1585 FAX 800 523-1230 ORDER ENTRY

**EXCEPTION STATEMENT**

**TOWN OF RIVERHEAD, NY**

**BID OPENING: 5/14/15**

Coyne Chemical will be delivering minibulk via tote. As such, the affidavit of compliance requiring each delivery be made in a dedicated truck with suitable lining does not apply.

The references enclosed are proof of experience delivering Corrosion Control chemicals. These references receive the same chemistry of Ortho Poly blends (with varying concentrations) as we are currently bidding.

Dated: May 8, 2015





*Chemicals for the Industries Since 1868*

---

**George S. Coyne Chemical Co., Inc.**

3015 State Road, Croydon, PA 19021-6997  
215 785-3000 215 785-1585 FAX 800 523-1230 ORDER ENTRY

### **REFERENCES**

Northern Westchester Joint Waterworks  
Richard Ruge  
Mamaroneck, NY 10543  
914-698-3500

Village of Goshen, NY 214111  
Purchasing: 610-268-0500

Poughkeepsie, NY  
Purchasing: 845-451-4173

Town of Greenburgh, NY  
Purchasing: 804-398-8445

Village of Monroe, NY  
Purchasing: 410-489-2980

# STERLING WATER TECHNOLOGIES LLC

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identity:** CP 736

**Intended Use:**

#### HMIS Hazard Ratings

Health	1
Fire	0
Reactivity	0

**Manufacturer:** Sterling Water Technologies LLC  
114 W. Seventh Street, Suite 3  
Columbia, TN 38401

**Telephone:** (800) 426-2428

**Emergency Phone: CHEMTREC: (800) 424-9300**

**MSDS Date of Preparation:** 08/21/07

**Prepared by:** Denese A. Deeds, CIH Industrial Health & Safety Consultants, Inc. Woodbridge, CT 203-929-3473

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Inorganic Phosphates	Proprietary	30-50%
Water	7732-18-5	50-70%

### 3. HAZARDS IDENTIFICATION

This product is a clear to slightly turbid, viscous, opaque liquid with a characteristic odor.

#### EMERGENCY OVERVIEW

##### CAUTION!

May cause eye irritation. May cause skin irritation on prolonged or repeated contact. Inhalation of mists may cause mucous membrane and respiratory irritation.

### 4. FIRST AID MEASURES

**Eye:** Immediately flush victim's eyes with large quantities of water for at least 15 minutes, holding the eyelids apart. Get medical attention.

**Skin:** Wash skin thoroughly with soap and water. Get medical attention if irritation develops. Remove and launder clothing before re-use.

**Ingestion:** Do not induce vomiting. Rinse mouth with water and give one glass of water to drink. Never give anything by mouth to an unconscious or convulsing person. Get immediate medical attention.

**Inhalation:** Remove victim to fresh air. If breathing is difficult or irritation persists, Get medical attention.

### 5. FIRE FIGHTING MEASURES

**Flashpoint:** None

**Flammable Limits:** LEL: Not applicable UEL: Not applicable

**Autoignition Temperature:** None

**Extinguishing Media:** Use media appropriate for surrounding fire. Cool fire exposed containers and structures with water.

**Unusual Fire or Explosion Hazards:** None known.

**Special Fire-Fighting Instructions:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing.

**Hazardous Combustion Products:** Thermal decomposition may yield oxides of sodium and phosphorus.

**Explosion Data (sensitivity to mechanical impact or static discharge):** None known.

## 6. ACCIDENTAL RELEASE MEASURES

Evacuate spill area and keep unprotected personnel away. Wear appropriate protective clothing as described in Section 8. Dike and collect liquid or absorb with an inert absorbent and place in appropriate containers for disposal. Prevent spill from entering sewers and water courses. Report releases as required by local, state and federal authorities.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with the eyes. Avoid prolonged or repeated skin contact. Avoid breathing mists or aerosols. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use.

Do not reuse containers. Empty containers retain product residues can be hazardous. Follow all MSDS precautions when handling empty containers.

**Storage:** Store in a cool, dry, well ventilated area away from incompatible materials. Protect from physical damage.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines:

Inorganic Phosphates	None Established
----------------------	------------------

**Engineering Controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

**Respiratory Protection:** In operations where exposure levels are exceeded, a NIOSH approved respirator with dust/mist cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

**Skin Protection:** Wear impervious gloves such as rubber or neoprene if needed to avoid prolonged skin contact.

**Eye Protection:** Safety goggles recommended.

**Other:** Long-sleeved clothing and long pants recommended to avoid prolonged skin contact. Suitable washing facilities should be available in the work area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance And Odor:** Clear to slightly turbid, viscous, opaque liquid with a characteristic odor.

<b>Physical State:</b> Liquid	<b>Boiling Point:</b> >100°C
<b>Vapor Density:</b> Same as water	<b>Vapor Pressure:</b> Same as water
<b>Solubility In Water:</b> Soluble	<b>Evaporation Rate:</b> Same as water
<b>Specific Gravity:</b> 1.36-1.50	<b>pH:</b> 4-7
<b>Melting Point:</b> Not applicable	<b>Octanol/Water Coefficient:</b> Not determined

VOC Content: 0%	
-----------------	--

#### 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal storage and handling conditions.

**Incompatibility:** Strong bases, strong oxidizing agents, strong reducing agents, fluorine, metals, sulfur trioxide, phosphorus pentoxide,

**Hazardous Decomposition Products:** When heated to decomposition emits toxic oxides of sodium and phosphorus.

**Hazardous Polymerization:** Will not occur.

#### 11. TOXICOLOGICAL INFORMATION

##### HEALTH HAZARDS:

**Ingestion:** Ingestion may cause mucous membrane and gastrointestinal irritation. May cause nausea, vomiting and diarrhea. Large amounts may cause decreased blood pressure, decreased heart rate and coma.

**Inhalation:** Inhalation of mists may cause irritation of the nose throat and upper respiratory tract.

**Eye:** May cause moderate irritation with pain and tearing.

**Skin:** May cause irritation on prolonged or repeated contact.

**Sensitization:** This material is not known to cause sensitization.

**Chronic:** None known.

**Carcinogenicity:** None of the components is listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.

**Mutagenicity:** None currently known.

**Medical Conditions Aggravated by Exposure:** Employees with pre-existing eye and respiratory disease may be at increased risk from exposure.

**Acute Toxicity Values:** No data available.

#### 12. ECOLOGICAL INFORMATION

No ecotoxicity data is available for the product.

#### 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal environmental regulations.

#### 14. TRANSPORT INFORMATION

##### Dot Hazardous Materials Description:

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

#### 15. REGULATORY INFORMATION

**CERCLA:** Releases above the reportable quantity of 17,000 lbs must be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**SARA Hazard Category (311/312):** Acute Health

**SARA 313:** This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

**EPA TSCA Inventory:** All of the ingredients in this product are listed on the EPA TSCA Inventory.

**CANADA:**

This product has been classified under the CPR and this MSDS discloses information elements required by the CPR.

**Canadian CEPA:** All the components of this product are listed on the Canadian DSL.

**Canadian WHMIS Classification:** Class D-2-B (Toxic material causing other chronic effects)

<b>16. OTHER INFORMATION</b>
------------------------------

**NFPA Rating:** Health = 1      Fire = 0      Reactivity = 0

**HMIS Rating:** Health = 1      Fire = 0      Reactivity = 0

**NOTICE**

This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Sterling Water Technologies LLC shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.

## CP 736 OrthoPolyphosphate

- NSF/ANSI Standard 60 Certified
- Balanced Ortho/Poly Ratio for Broad Range of Applications
- Reduces or Eliminates the Need for pH Adjustment
- Reduces Overall Treatment Costs

### Description

Sterling Water Technologies CP 736 is a liquid OrthoPolyphosphate corrosion inhibitor formulated for the control of steel and lead corrosion and scale build up in potable water distribution systems. In addition to providing effective corrosion control, CP 736 also reduces build up of deposits caused by the precipitation of water soluble calcium and magnesium salts. CP 736 also prevents the precipitation of dissolved iron and manganese found in many water sources.

### Typical Properties

Form: Liquid  
Appearance: Clear to Slightly Turbid  
% O-PO<sub>4</sub>: 10-13  
% P-PO<sub>4</sub>: 24-28  
Density: 1.36 -1.50  
pH: 4 – 7  
Freeze Point: <-7° C  
NSF/ANSI STD 60 MUL: 28.0 mg/L

### Principal Uses

- Iron & Manganese Sequestering
- Reduces General Corrosion
- Controls Copper & Lead Residuals
- Prevents Scale Build Up

### Product Safety Information

CP 736 is a non-hazardous product. Caution should be taken to prevent ingestion, contact with skin and eyes. It is recommended that safety eye protection, gloves and other personal protective protection be worn when handling all chemicals.

### Packaging and Shipping

CP 736 is available in  
30 gallon (350# net weight) Non-returnable drums  
55 gallon ( 650# net weight) Non-returnable drums  
275 gallon (3000# net weight) Non-returnable totes  
Bulk – Various quantities

### Storage and Handling

- Store in a cool, dry, well ventilated area away from incompatible materials.
- Keep containers closed when not in use.
- Do not reuse empty containers. Empty containers retain product residuals which can be hazardous.
- CP 736 is freeze – thaw stable. Should the product freeze, bring indoors, allow to warm up, then mix before reusing. Keep drums on pallets when storing or feeding product in cold weather.

**Consult the product MSDS for specific information regarding handling, storage, safety, and DOT description.**

All statements, information and data given herein are believed to be accurate and reliable but are presented without guaranty, warranty, or responsibility of any kind, expressed or implied. Statements or suggestions concerning the possible uses of our products are made without representation or warranty that any such use is free of patent infringement, and we are not recommending to infringe any patents. The user should not assume that all safety measures are indicated or that other measures may not be taken.

**800.426.2428** Customer Service ■ 931.540.1334 Phone ■ 931.540.1338 Fax ■ P.O. Box 602 ■ Columbia, TN 38402-0602  
[www.sterlingwatertech.com](http://www.sterlingwatertech.com)

George S. Coyne Chemical Co., Inc.  
3015 State Road  
Croydon, PA 19021-6997



The Public Health and Safety Organization

## NSF Product and Service Listings

These NSF Official Listings are current as of **Thursday, April 02, 2015** at 12:15 a.m. Eastern Time. Please contact NSF International to confirm the status of any Listing, report errors, or make suggestions.

Alert: NSF is concerned about fraudulent downloading and manipulation of website text. Always confirm this information by clicking on the below link for the most accurate information: <http://info.nsf.org/Certified/PwsChemicals/Listings.asp?CompanyName=sterling&TradeName=cp+736&>

---

### NSF/ANSI 60 Drinking Water Treatment Chemicals - Health Effects

---

#### Sterling Water Technologies, LLC

P.O. Box 602  
Columbia, TN 38402-0602  
United States  
800-426-2428  
931-540-1334  
Visit this company's website  
(<http://www.sterlingwatertech.com>)

**Facility : # 5 USA**

George S. Coyne Chemical Co., Inc.  
3015 State Road  
Croydon PA 19021-8997  
215-785-3000  
Order entry 800-523-1230

Blended Phosphates

Trade Designation	Product Function	Max Use
CP 736	Corrosion & Scale Control	28mg/L

Facility : # 9 USA

Blended Phosphates		
<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
CP 736	Corrosion & Scale Control	28mg/L

Facility : # 14 USA

Blended Phosphates		
<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
CP 736	Corrosion & Scale Control	28mg/L

Facility : # 15 USA

Blended Phosphates		
<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
CP 736	Corrosion & Scale Control	28mg/L

---

Number of matching Manufacturers is 1  
Number of matching Products is 4  
Processing time was 0 seconds





---

STERLING WATER TECHNOLOGIES LLC  
P.O. Box 602, Columbia, TN 38402-0602  
931-540-1334 Fax 931-540-1338

### Certificate of Analysis

Prepared For  
Coyne Chemical Company  
Croydon, PA 19021  
P.O. # 12655

Date Shipped	<u>3/4/15</u>	Product	<u>CP 736</u>
Order #	<u>3801</u>	Batch #	<u>030315</u>

<u>Test</u>	<u>Specification</u>	<u>Results</u>
pH	4.0 – 7.0	<u>5.9</u>
Spec Gravity	1.36 – 1.50	<u>1.45</u>
% PO4, ortho	10.0 – 13.0	<u>11.1</u>
% PO4, total	34.0 – 41.0	<u>37.3</u>
Color	Clear to Light Amber	<u>Pass</u>
Odor	Slight to None	<u>Pass</u>
Appearance	Clear to Slight Haze	<u>Pass</u>



Certified to  
NSF/ANSI 60

mul = 28.0

George S. Coyne Chemical Co., Inc.  
3015 State Road  
Croydon, PA 19021-8997



*Chemicals for the Industries Since 1868*

---

**George S. Coyne Chemical Co., Inc.**

3015 State Road, Croydon, PA 19021-6997  
215 785-3000 215 785-1585 FAX 800 523-1230 ORDER ENTRY

May 8, 2015

Attn. Diane M. Wilhelm, Town Clerk  
**TOWN OF RIVERHEAD**  
Town Hall, Office of the Town Clerk  
200 Howell Avenue  
Riverhead, NY 11901

**Bid Due: 5/14/2015 @ 11:00AM**

**Bid Name: RWD-2015-19A: Bids for Corrosion Control Chemical (PO4)**

May we please have a tabulation of the bids received after the referenced bid opening?  
Enclosed is a self addressed, stamped envelope for your convenience.

If it would be more convenient, you may also fax the results to the following:  
Attn: Bid Department at (215) 785 - 1585, or email them to [bidadministration@coynechemical.com](mailto:bidadministration@coynechemical.com)

Thank you.

Sincerely,

George S. Coyne Chemical Co., Inc.  
Bid Administration Department

**BID FORM FOR CHEMICALS  
CORROSION CONTROL CHEMICAL (PO4)  
BID #RWD-2015-19A**

**BIDDER NAME:** Shannon Chemical Corporation

**PLEASE READ CAREFULLY**

- |    |   |                                 |
|----|---|---------------------------------|
| 1. | 0 - 1000 gals. of product<br>Three (3) drops    | \$ <u>No Bid</u> Price per gal. |
| 2. | 1001 - 2000 gals. of product<br>Three (3) drops | \$ <u>No Bid</u> Price per gal. |

**THESE BID PRICES SHALL STAY IN EFFECT FOR ONE (1) YEAR  
FROM THE DATE A RESOLUTION IS ADOPTED BY  
THE TOWN BOARD OF THE TOWN OF RIVERHEAD  
AND ANY EXTENSIONS GRANTED THEREAFTER**

I/WE FULLY UNDERSTAND THAT THE ACCEPTANCE OF THIS BID IS SUBJECT  
TO THE PROVISIONS OF SECTION 103A AND 103B OF THE GENERAL  
MUNICIPAL LAW.

05/08/15  
DATE

Shannon Chemical Corporation  
NAME OF AGENT/DEALER

P.O. Box 376  
ADDRESS

Malvern, PA 19355  
CITY, STATE, ZIP CODE

Daniel C. Flynn  
CONTACT PERSON

  
SIGNATURE OF DEALER/AGENT